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Chennai, India

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Experience

Software Engineering Manager

Feb 2026 – Present

Rapid Acceleration Partners

Chennai, TN

- Directed roadmap and delivery for two products on RAPFlow, an **agentic workflow orchestration platform** for enterprise operations, turning customer asks into shipped features while still writing production code.
- Diagnosed and resolved the platform's slowest endpoints with **query-level database instrumentation**, cursor-based pagination on the highest-traffic APIs and compound indexes matched to real access patterns.
- Standardized credential handling across deployments, moving secrets off the servers into **pluggable secret management** so each deployment pulls from Azure Key Vault, AWS Secrets Manager or GCP Secret Manager depending on where the customer runs.
- Cut customer infrastructure cost** by right-sizing service deployments and shipping a server inventory tool with scheduled start/stop rules, and created proof-of-value prototypes in days to shape features before committing to build.

Lead Software Engineer (Full-Stack)

Jan 2023 – Feb 2026

Rapid Acceleration Partners

Chennai, TN

- Architected **AgenticStudio**, a multi-agent orchestration product, from empty repository to production, covering **data model, agent design, REST APIs, distributed workers, multi-tenant RBAC, API key lifecycle and audit logging**.
- Built the **connection layer** integrating the platform with customer enterprise systems and knowledge sources over REST APIs, MCP servers and RPA, so orchestrated workflows could read and write across systems the platform does not own.
- Scaled the platform to process **300,000+ business documents** with **tenant-level isolation**, so one customer's burst load cannot starve the others on shared infrastructure.
- Engineered the platform's **observability product end to end**: span ingestion with correlation-ID propagation through a distributed queue, aggregation pipelines over high-cardinality trace data, and a console with waterfall timelines and drill-down across tool calls, LLM calls, RAG calls and guard calls.
- Led the **React 19 and MUI 7 migration** on the platform's user-facing application, added route-level code splitting to cut initial bundle size, and standardized a themed design system with dark mode across every feature area.
- Designed and built a **parts cross-referencing application** for an enterprise customer, backed by a competitor parts database built from scratch by scraping and de-duplicating supplier catalogues into a canonical reference model.
- Developed a browser-automation copilot on the Chrome DevTools Protocol that **raised flow-developer efficiency by 80%**, set up CI/CD and the regression suite, and mentored a team of 3 engineers.

Senior Software Engineer (Full-Stack)

Feb 2022 – Jan 2023

Rapid Acceleration Partners

Chennai, TN

- Re-architected the platform from vertical to **horizontal scalability** by moving synchronous document processing onto an **asynchronous message queue**, enabling worker-level scale-out for compute-heavy workloads.
- Containerized the remaining services into a portable, offline-capable deployment that **cut installation complexity by 90%** for on-premise customers, and built an export/import pipeline that promotes models and pipelines between instances without rebuilding them.

Software Engineer 1 (Full-Stack)

Jan 2021 – Feb 2022

Bytone

Chennai, TN

- Built real-time monitoring dashboards for mining operations, **cut image-serving cost by 70%** on a consumer application through an optimized storage and delivery pipeline, and trained two junior engineers.

Skills

Programming: TypeScript, JavaScript, Python

Frameworks/Libraries: Node.js, Express, React, Next.js, FastAPI, Flask

Databases: MongoDB, PostgreSQL, Redis, Neo4j, Qdrant

Cloud Platforms: AWS, Google Cloud, Azure

Tools: Docker, Git, GitHub Actions, Kafka, Elastic Stack, Grafana

Testing: Jest, Vitest, Mocha

Education and Awards

St. Joseph's College of Engineering, Anna University

July 2015 – July 2019

B.E., Electronics and Communication Engineering

Chennai, TN

Employee of the Quarter, Rapid Acceleration Partners

August 2023